

## CATALOGUE OF THE VASCULAR FLORA OF THE ROBINSON CRUSOE OR JUAN FERNANDEZ ISLANDS, CHILE

### *CATALOGO DE LA FLORA VASCULAR DE LAS ISLAS ROBINSON CRUSOE O JUAN FERNANDEZ, CHILE*

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#### ABSTRACT

The Róbinson Crusoe (=Juan Fernández) Islands are a Chilean National Park and a World Biosphere Reserve. Located 667 kms W of continental Chile at 33°S latitude, the archipelago consist of three principal islands: Masatierra (=Isla Róbinson Crusoe; 48 km<sup>2</sup>), Masafuera (=Isla Alejandro Selkirk; 50 km<sup>2</sup>), and Santa Clara (2 km<sup>2</sup>). Botanical inventories of the archipelago began in 1823 and have extended to the present time. Numerous investigations have been completed in recent decades that have revealed processes and patterns of evolutionary divergence among endemic taxa of vascular plants of the archipelago. Interest in conservation of these endemic taxa is also increasing. It is timely, therefore, for the production of a new flora of vascular plants of the islands, and this catalogue is a necessary step towards that goal. Herein are documented 423 species of vascular plants, including 55 Pteridophyta, 289 Dicotyledoneae, and 79 Monocotyledoneae. Of these, 31.2% are endemic, 18.7% native, and 50.1% introduced. Of adventive taxa, the highest level is found on Santa Clara (71.4%), followed by Masatierra (55.7%), and lastly by Masafuera (50%).

**KEYWORDS:** Juan Fernández/Róbinson Crusoe Islands, flora, endemism, conservation.

#### INTRODUCCION

The Róbinson Crusoe (=Juan Fernández) Islands are located in the Pacific Ocean at 33° S latitude 667 kms W of continental Chile. There are two principal islands, Isla Róbinson Crusoe (=Masatierra) and 181 kms further west Isla Ale-

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#### RESUMEN

Las Islas Róbinson Crusoe (=Juan Fernández), Chile, constituyen actualmente un parque nacional y una reserva mundial de la biosfera. Situado a 667 km al oeste de Chile continental, el archipiélago consta de tres islas: Masatierra (=Róbinson Crusoe), de 48 km<sup>2</sup>, Masafuera (=Alejandro Selkirk), de 50 km<sup>2</sup>, y Santa Clara, de 2 km<sup>2</sup>. Los inventarios botánicos del archipiélago empezaron en 1823 y han continuado hasta el presente. Durante las recientes décadas se han hecho numerosas investigaciones que han revelado procesos y patrones de divergencia evolutiva entre los taxa endémicos de plantas vasculares del archipiélago. También se ha acrecentado el interés en la conservación de estos taxa endémicos. Es tiempo, entonces, de producir una nueva flora de las plantas vasculares de las islas, y este catálogo es un paso necesario hacia esa meta. En él están documentadas 423 especies de plantas vasculares, incluyendo 55 Pteridophyta, 289 Dicotyledoneae y 79 Monocotyledoneae. Del total de especies, 31,2% son endémicas, 18,7% nativas y 50,1% adventicias. De estos últimos taxa el mayor porcentaje se encuentra en Santa Clara (71,4%), seguido por Masatierra (55,7%), y finalmente por Masafuera (50%).

**PALABRAS CLAVES:** Juan Fernández/Róbinson Crusoe, flora, endemismo, conservación.

jandro Selkirk (=Masafuera). The former names have been officially adopted by the Chilean government, but the latter have been used historically and still continue to be used in much scientific literature (e.g., Stuessy and Ono, 1998). There is also a third smaller island, Isla Santa Clara, that lies 1.8 km SW off the western end of Masatierra. These three islands together measure only 102 km<sup>2</sup>, with Masafuera being the largest at 50 km<sup>2</sup>, Masatierra nearly the same size at 48 km<sup>2</sup>, and Santa Clara with 2 km<sup>2</sup> (Stuessy, 1995).

In this small Pacific archipelago is contained one of the world's most interesting endemic vascular floras. The distinctiveness of the vascular

plants is the main reason for designation of the three islands as a Chilean National Park in 1935 and more recently as a World Biosphere Reserve. There are many endemic species, several endemic genera, and an endemic family, Lactoridaceae, the only case known of an entire family of vascular plants being restricted to an oceanic island (Stuessy *et al.*, 1998a, 1998d).

During the past 20 years, studies on the evolution of the vascular flora of the Róbinson Crusoe Islands have been carried out by collaborators at the University of Concepcion, The Ohio State University, and now at the University of Vienna. These investigations have resulted in more than 50 publications on different aspects of the endemic taxa, including cytology, phylogeny, modes of speciation, phytochemistry, biogeography, molecular divergence, and genetic variation within and between populations (for recent summaries see Stuessy *et al.* 1998b, 1998c; Crawford *et al.*, 1998). Studies have also focused on the introduced flora and impacts on conservation of the native taxa (Matthei *et al.*, 1993; Stuessy *et al.*, 1997, 1998d; Swenson *et al.*, 1997).

These previous collaborative investigations on the vascular taxa have led to the initiation of a synthesis of all available information to be published as a book entitled "Flora of the Róbinson Crusoe Islands". Previous descriptive inventories include those of Hemsley (1884), Johow (1896), Christensen and Skottsberg (1920), and Skottsberg (1921, 1951). Additional information has been added by others, such as Ricci (1996), Macaya and Faúndez (1997) and Barrera (1997). The only comprehensive flora is that of Johow (1896), now more than a century old, and lacking keys to taxa. For improved perspectives on conservation of the native and endemic species, plus management of the introduced taxa, a new comprehensive flora is urgently needed.

The present catalogue of the vascular flora is the first step toward publication of the new flora of the archipelago. Contents of the catalogue derive from previous literature reports, our own collections made during eight expeditions to the islands during 1980-1997, and additional collections in the herbarium of the University of Concepcion (CONC). We harbor no illusion that this list is complete nor fully accurate in all respects. It

is a stage in preparation of the flora that should stimulate preparation of individual generic treatments and serve as an impetus for completion of the entire volume. In fact, at this time manuscripts for the ferns (R. Rodríguez), grasses (M. Baeza), and miscellaneous other genera have already been prepared.

We list all known species of vascular plants that have at one time or another been reported to occur in at least one of the three islands. We include also distribution on the three principal islands (T=Masatierra; F=Masafuera; S=Santa Clara), and biogeographic status (E=endemic; N=native; A= adventive). This list builds, obviously, on the catalogue of vascular plants for the entire country (Marticorena and Quezada, 1985), which includes the island floras of Róbinson Crusoe, Islas Desventuradas, and Isla de Pascua.

The catalogue does not include cultivated plants. Swenson *et al.* (1997) listed species that eventually may escape from cultivation and have the potential to become aggressive weeds, but we have not included these here. Previous information regarding cultivated plants in the archipelago also can be found in Johow (1893).

The catalogue also provides the opportunity to summarize new statistics on the vascular flora of the Róbinson Crusoe Islands. In our own studies we have found it difficult to maintain agreement on numbers of taxa of different biogeographic categories, due largely to numerous publications using different sets of data. For the first time, this new catalogue sets baseline data for any additional evolutionary or biogeographic investigations.

#### NEW STATISTICS OF THE VASCULAR FLORA

All manner of statistics on the composition of the vascular flora have been published previously in Johow (1896), Skottsberg (1956), Marticorena (1991), Stuessy *et al.* (1992), etc. This paper is not the place to compare all different previous estimates, but rather the intent is to provide a new baseline of the total size and general categorization of the vascular flora. Statistics for the entire archipelago and for each of the three islands separately are given in the following tables.

## MASATIERRA

	PTERI	DICOT	MONOC	Total	%
E	21	64	10	95	27.5
N	21	16	21	58	16.8
A	0	155	37	192	55.7
Total	42	235	68	345	
%	12.2	68.1	19.7		

345 taxa, of which 177 (51.3%) are restricted to the island.

## MASAFUERA

	PTERI	DICOT	MONOC	Total	%
E	19	37	8	64	27.1
N	27	15	12	54	22.9
A	0	95	23	118	50.0
Total	46	147	43	236	
%	19.5	62.3	18.2		

236 taxa, of which 78 (33%) are restricted to the island.

## SANTA CLARA

	PTERI	DICOT	MONOC	Total	%
E	0	4	0	4	11.4
N	3	2	1	6	17.1
A	0	22	3	25	71.4
Total	3	28	4	35	
%	8.6	80	11.4		

35 taxa, of which 1 (2.9%) is restricted to the island.

## FLORA OF THE ARCHIPELAGO

	PTER	DICOT	MONOC	Total	%
E	26	92	14	132	31.2
N	29	25	25	79	18.7
A	0	172	40	212	50.1
Total	55	289	79	423	
%	13	68.3	18.7		

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FLORA OF JUAN FERNANDEZ ISLANDS

Col. 1, Status: E = endemic, e = endemic to JF and continental Chile, N = native, A = adventive/  
naturalized.

Col. 2, Life form: A = annual, B = biennial, H = perennial herb, S = undershrub, F = shrub, T = tree,  
R = rosette shrub/tree

Col. 3, Distribution: T = Masatierra, S = Santa Clara, F = Masafuera

PTERIDOPHYTA

ADIANTACEAE

ADIANTUM

N H TSF chilense Kaulf., Enum. Filic. 207. 1824.

NOTHOLAENA

E H TF chilensis (Fée ex J.Remy) Sturm, Abh. Naturhist. Ges. Nürnberg 1(2): 166. 1858.  
("Nothochlaena")

ASPLENIACEAE

ASPLENIUM

N H TF dareoides Desv., Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesamten Naturk.  
5(2): 322. 1811.

E H TF macrosorum Bertero ex Colla, Herb. Pedem. 6: 205. 1836.

N H TSF obtusatum G.Forst. var. sphenoides (Kunze) C.Chr. ex Skotts., Kongl. Svenska  
Vetenskapsakad. Handl. 56(5): 167. 1916.

E H TF stellatum Colla, Herb. Pedem. 6: 206. 1836.

BLECHNACEAE

BLECHNUM

N H TF cordatum (Desv.) Hieron., Hedwigia 47: 239. 1908.

E H TF cycadifolium (Colla) Sturm, Abh. Naturhist. Ges. Nürnberg 1(2): 173. 1858.

N H TSF hastatum Kaulf., Enum. Filic. 161. 1824.

E H F longicauda C.Chr., Ark. Bot. 10(2): 10, t. 1. 1910.

E H TF mochaenum G.Kunkel var. fernandezianum (Looser) De la Sota, Bol. Soc. Argent. Bot.  
14(3): 196. 1972.

E H TF schottii (Colla) C.Chr., Ark. Bot. 10(2): 7. 1910.

DENNSTAEDTIACEAE

HISTIOPTERIS

N H TF incisa (Thunb.) J.Sm., Hist. Fil. 295. 1875.

HYPOLEPIS

N H TF poeppigii (Kunze) R.A.Rodr., Gayana, Bot. 46(3-4): 202. 1990. ("1989")

DICKSONIACEAE

DICKSONIA

E T T berteriana (Colla) Hook., Sp. Fil. 1: 67, t. 23 A. 1844.

E T F externa Skotts., Nat. Hist. Juan Fernandez 2: 763. 1951.

LOPHOSORIA

N HF TF quadripinnata (J.F.Gmel.) C.Chr., in Skotts., Nat. Hist. Juan Fernandez 2: 16. 1920.

THYRSOPTERIS (E)

- E F TF *elegans* Kunze, *Linnaea* 9: 507. 1835.

DRYOPTERIDACEAE

MEGALASTRUM

- E H F *inaequalifolium* (Colla) A.R.Sm. et R.C.Moran var. *glabrior* (C.Chr. et Skottsb.) R.A.Rodr., *Gayana, Bot.* 46(3-4): 206. 1990. ("1989")  
 E H T *inaequalifolium* (Colla) A.R.Sm. et R.C.Moran var. *inaequalifolium*, *Amer. Fern J.* 77(4): 128. 1987.

POLYSTICHUM

- E H TF *tetragonum* Fee, *Mém. Foug.* 8: 99. 1857.

RUMOHRA

- E H TF *berteroana* (Colla) R.A.Rodr., *Bol. Soc. Biol. Concepción* 45: 150. 1972.

GLEICHENIACEAE

GLEICHENIA

- E H F *lepidota* R.A.Rodr., *Gayana, Bot.* 47(1-2): 40, f. 1-5. 1990.  
 N H F *quadripartita* (Poir.) T.Moore, *Index Fil.* 382. 1862.  
 N H T *squamulosa* (Desv.) T.Moore var. *squamulosa*, *Index Fil.* 383. 1862.

GRAMMITIDACEAE

GRAMMITIS

- N H TF *magellanica* Desv., *Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesamnten Naturk.* 5(2): 313. 1811.

HYMENOPHYLLACEAE

HYMENOGLOSSUM (e)

- e H TF *cruentum* (Cav.) K.Presl, *Hymenophyllaceae* 35. 1843.

HYMENOPHYLLUM

- N H TF *caudiculatum* Mart. var. *productum* (K.Presl) C.Chr., *Index Filic.* 623. 1906.  
 N H TF *cuneatum* Kunze var. *cuneatum*, *Analecta Pteridogr.* 50. 1837.  
 E H T *cuneatum* Kunze var. *rarifforme* C.Chr. et Skottsb., in Skottsb., *Nat. Hist. Juan Fernandez* 2: 8, f. 3 e-g. 1920.  
 N H F *falklandicum* Baker var. *falklandicum*, in Hook. et Baker, *Syn. Fil.* ed. 2, 68. 1874.  
 N H TF *ferrugineum* Colla var. *ferrugineum*, *Herb. Pedem.* 6: 190. 1836.  
 N H TF *fuciforme* Sw., *Syn. Fil.* 148. 1806.  
 N H TF *pectinatum* Cav., *Descr. Pl.* 275. 1801.  
 N H TF *plicatum* Kaulf., *Enum. Filic.* 268. 1824.  
 E H TF *rugosum* C.Chr. et Skottsb., in Skottsb., *Nat. Hist. Juan Fernandez* 2: 12, f. 4 a-f. 1920.  
 N H F *secundum* Hook. et Grev., *Icon. Filic.* 2: t. 133. 1829.  
 N H F *tortuosum* Hook. et Grev. var. *tortuosum*, *Icon. Filic.* 2: t. 129. 1829.

SERPYLLOPSIS

- E H TF *caespitosa* (Gaudich.) C.Chr. var. *fernandeziana* C.Chr. et Skottsb., in Skottsb., *Nat. Hist. Juan Fernandez* 2: 5. 1920.

TRICHOMANES

- N H TF exsectum Kunze, Analecta Pteridogr. 47, t. 29, f. 2. 1837.  
 E H T ingae C.Chr. et Skotts., in Skotts., Nat. Hist. Juan Fernandez 2: 3, f. 2. 1920.  
 E H T philippianum Sturm, Abh. Naturhist. Ges. Nürnberg 1(2): 188. 1858.

LOMARIOPSIDACEAE

ELAPHOGLOSSUM

- N H T squamatum (Sw.) T.Moore, Index Fil. 15, 367. 1857.

LYCOPODIACEAE

LYCOPODIUM

- N H F gayanum J.Remy, in Gay, Hist. Chile, Bot. 6: 545. 1854.  
 N H F magellanicum (P.Beauv.) Sw. var. magellanicum, Syn. Fil. 180. 1806.

OLEANDRACEAE

ARTHROPTERIS

- E H TF altescandens (Colla) J.Sm., Hist. Fil. 225. 1875.

OPHIOGLOSSACEAE

OPHIOGLOSSUM

- E H T fernandezianum C.Chr., in Skotts., Nat. Hist. Juan Fernandez 2: 44, f. 7. 1920.

POLYPODIACEAE

PLEOPELTIS

- N H TF macrocarpa (Bory ex Willd.) Kaulf., Berlin. Jahrb. Pharm. Verbundenen Wiss. 21: 41. 1820.

POLYPODIUM

- E H T intermedium Colla subsp. intermedium, Herb. Pedem. 6: 229. 1836.  
 E H F intermedium Colla subsp. masafueranum C.Chr. et Skotts., in Skotts., Nat. Hist. Juan Fernandez 2: 38, f. 6. 1920.  
 N H F masafuerae Phil., Linnaea 29: 107. 1858.

PTERIDACEAE

PTERIS

- E H TF berteriana J.Agardh, Recens. Spec. Pter. 66. 1839.  
 N H TF chilensis Desv., Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesamten Naturk. 5(2): 325. 1811.  
 N H TF semiadnata Phil., Linnaea 29: 106. 1858.

WOODSIACEAE

CYSTOPTERIS

- N H F fragilis (L.) Bernh. var. apiiformis (Gand.) C.Chr., Index Filic. Suppl. Prelim. 11. 1917.

DICOTYLEDONEAE

AIZOACEAE

TETRAGONIA

- A A TSF tetragonoides (Pall.) Kuntze, Revis. Gen. Pl. 1: 264. 1891.

AMARANTHACEAE

AMARANTHUS

- A AH TF deflexus L., Mant. Pl. 295. 1771.  
A A T hybridus L., Sp. Pl. 990. 1753.

APOCYNACEAE

VINCA

- A H T major L., Sp. Pl. 209. 1753.

BERBERIDACEAE

BERBERIS

- E FT T corymbosa Hook. et Arn., Bot. Misc. 3: 135. 1832.  
E FT F masafuerana Skotts., Nat. Hist. Juan Fernandez 2: 125, f. 9 a-b. 1921.

BORAGINACEAE

CYNOGLOSSUM

- A B T creticum Mill., Gard. Dict., ed. 8, Cynoglossum 3. 1768.

MYOSOTIS

- A AH T laxa Lehm., Pl. Asperif. Nucif. 83. 1818.  
A H T sylvatica Hoffm., Deutschl. Fl. 61. 1791.

SELKIRKIA (E)

- E F T berteroi (Colla) Hemsl., Rep. Challenger, Bot. 1(3): 48, t. 57. 1884.

CALLITRICHACEAE

CALLITRICHE

- A A T lechleri (Hegelm.) Fassett, Rhodora 53(632): 191, t. 1174, f. 18 a-m. 1951.

CAMPANULACEAE

LOBELIA

- N A TF alata Labill. var. alata, Nov. Holl. Pl. 1: 51, t. 72. 1805.  
A H T tupa L., Sp. Pl., ed. 2, 1318. 1763.

WAHLENBERGIA

- E S TS berteroi Hook. et Arn., J. Bot. (Hooker) 1: 279, t. 137. 1834.  
E SF T fernandeziana A.DC., Monogr. Campan. 160. 1830.  
E S T grahamiae Hemsl., Rep. Challenger, Bot. 1(3): 46, t. 56, f. 5-10. 1884.  
E S F masafuerae (Phil.) Skotts., Kongl. Svenska Vetenskapsakad. Handl. 51(9): 6. 1914.  
E S F tuberosa Hook.f., Bot. Mag. 101: 6155. 1875.



CARYOPHYLLACEAE

CERASTIUM

- A H F fontanum Baumg. subsp. vulgare (Hartm.) Greuter et Burdet, Willdenowia 12(1): 37. 1982.  
 A A TF glomeratum Thuill., Fl. Env. Paris, ed. 2, 2: 226. 1799.

PARONYCHIA

- A H T franciscana Eastw., Bull. Torrey Bot. Club 28: 288. 1901.

POLYCARPON

- A A TF tetraphyllum (L.) L., Syst. Nat., ed. 10, 881. 1759.

SAGINA

- A A F chilensis Naudin, in Gay, Hist. Chile, Bot. 1: 282. 1846.

SILENE

- A A TSF gallica L., Sp. Pl. 417. 1753.

SPERGULARIA

- E H TF confertiflora Steud. var. confertiflora, Flora 39: 425. 1856.  
 E H TF confertiflora Steud. var. polyphylla (Phil.) Skottsb., Nat. Hist. Juan Fernandez 2: 123. 1921.  
 E H F masafuerana Skottsb., Nat. Hist. Juan Fernandez 2: 778, t. 57, f. 34. 1951.  
 A AH T rubra J.Presl et K.Presl, Fl. Cech. 94. 1819.

STELLARIA

- A H T chilensis Pedersen, Bonplandia (Corrientes) 5(22): 204, f. 1 A-E. 1983.  
 A A TF media (L.) Cirillo, Essent. Pl. Char. Comment. 36, t. 2, f. 9. 1784.

CHENOPODIACEAE

BETA

- A H T vulgaris L. subsp. maritima (L.) Arcang., Comp. Fl. Ital. 593. 1882.

CHENOPODIUM

- A H TF ambrosioides L., Sp. Pl. 219. 1753.  
 E S T crusoeanum Skottsb., Nat. Hist. Juan Fernandez 2: 119, f. 6 b, 7 f-k; t. 11. 1921.  
 A H TF multifidum L., Sp. Pl. 220. 1753.  
 A A TSF murale L., Sp. Pl. 219. 1753.  
 E F F nesodendron Skottsb., Nat. Hist. Juan Fernandez 2: 119, f. 6 c, 7 l-o. 1921.  
 E F TS sanctae-clarae Johow, Estud. Fl. Juan Fernandez 119. 1896. (Introduced in Masatierra).

SARCOCORNIA

- N H TSF fruticosa (L.) A.J.Scott, Bot. J. Linn. Soc. 75(4): 367. 1978.

COMPOSITAE

ABROTANELLA

- N H F linearifolia A.Gray, Proc. Amer. Acad. Arts 5: 137. 1861. ("1862")

AMBLYOPAPPUS

- A A TS pusillus Hook. et Arn., J. Bot. (Hooker) 3: 321. 1841.

- ANTHEMIS  
A A T cotula L., Sp. Pl. 894. 1753.
- ARTEMISIA  
A H T absinthium L., Sp. Pl. 848. 1753.
- BAHIA  
A F F ambrosioides Lag., Gen. Sp. Pl. 30. 1816.
- BIDENS  
A A TF pilosa L., Sp. Pl. 832. 1753.
- CALENDULA  
A A T officinalis L., Sp. Pl. 921. 1753.
- CARTHAMUS  
A A TF lanatus L., Sp. Pl. 830. 1753.
- CENTAUREA  
A A TSF melitensis L., Sp. Pl. 917. 1753.
- CENTAURODENDRON (E)  
E TR T dracaenoides Johow, Estud. Fl. Juan Fernandez 63. 1896.  
E TR T palmiforme Skottsbo., Bull. Jard. Bot. Belg. 27(4): 587, f. 59-61. 1957.
- CHRYSANTHEMUM  
A A T coronarium L., Sp. Pl. 890. 1753.
- CICHORIUM  
A AB TF intybus L., Sp. Pl. 813. 1753.
- CIRSIUM  
A A F vulgare (Savi) Ten., Fl. Nap. 5: 209. 1835-38.
- CONYZA  
A A TSF bonariensis (L.) Cronquist, Bull. Torrey Bot. Club 70: 632. 1943.
- COTULA  
A A TF australis (Sieber ex Spreng.) Hook.f., Fl. Nov.-Zel. 1: 128. 1852.  
A H T coronopifolia L., Sp. Pl. 892. 1753.
- CREPIS  
A A T capillaris (L.) Wallr., Erst. Beitr. Fl. Hercyn. 287. 1840.
- CYNARA  
A H TF cardunculus L., Sp. Pl. 827. 1753.
- DENDROSERIS (E)  
E FTR T berteriana (Decne.) Hook. et Arn., Companion Bot. Mag. 1: 32. 1835.  
E TR F gigantea Johow, Estud. Fl. Juan Fernandez 69. 1896.  
E FTR TS litoralis Skottsbo., Nat. Hist. Juan Fernandez 2: 204, f. 37 k-l, p; t. 19, t. 20, f. 12. 1921.  
E TR T macrantha (Bertero ex Decne.) Skottsbo., Nat. Hist. Juan Fernandez 2: 202, f. 37 b-d, n. 1921.  
E FTR F macrophylla D. Don, Philos. Mag. Ann. Chem. 11: 388. 1832.

- E FTR T *marginata* (Bertero ex Decne.) Hook. et Arn., Companion Bot. Mag. 1: 32. 1835.  
 E FTR T *micrantha* (Bertero ex Decne.) Hook. et Arn., Companion Bot. Mag. 1: 32. 1835.  
 E TR T *neriifolia* (Decne.) Hook. et Arn., Companion Bot. Mag. 1: 32. 1835.  
 E TR T *pinnata* (Bertero ex Decne.) Hook. et Arn., Companion Bot. Mag. 1: 32. 1835.  
 E TR TS *pruinata* (Johow) Skotts., Nat. Hist. Juan Fernandez 2: 207, f. 39 d-f. 1921.  
 E TR F *regia* Skotts., Nat. Hist. Juan Fernandez 2: 205, f. 38; t. 17, 2. 1921.

ERIGERON

- E HS TF *fernandezianus* (Colla) Solbrig, Contr. Gray Herb. 191: 30, f. 24. 1962.  
 E S F *ingae* Skotts., Nat. Hist. Juan Fernandez 2: 184, f. 30 a-d; t. 16, 1. 1921.  
 E S F *luteoviridis* Skotts., Nat. Hist. Juan Fernandez 2: 183, f. 29 f-i. 1921.  
 E S F *rupicola* Phil., Anales Univ. Chile 13: 165. 1856.

GALINSOGA

- A A TF *parviflora* Cav., Icon. 3: 41, t. 281. 1795.

GAMOCHAETA

- A H TF *coarctata* (Willd.) Kerguelen, Lejeunia, n.s. 120: 104. 1987.  
 E H T *fernandeziana* (Phil.) Anderb., Opera Bot. 104: 157. 1991.  
 A A TSF *stachydifolia* (Lam.) Cabrera, Bol. Soc. Argent. Bot. 9: 382. 1961.

GNAPHALIUM

- A A F *aldunateoides* J.Remy, in Gay, Hist. Chile, Bot. 4: 232. 1849.  
 A H TSF *cheiranthifolium* Lam., Encycl. 2: 752. 1788. ("cheranthifolium")

HYPOCHAERIS

- A AH TSF *glabra* L., Sp. Pl. 811. 1753.  
 A H TF *radicata* L., Sp. Pl. 811. 1753.

LAGENOPHORA

- N H F *hariotii* Franchet, Miss. Sci. Cap Horn 5, Bot.: 344. 1889.

LAPSANA

- A ABH TF *communis* L., Sp. Pl. 811. 1753.

MADIA

- A A F *sativa* Molina, Sag. Stor. Nat. Chili 136, 354. 1782.

MATRICARIA

- A A T *recutita* L., Sp. Pl. 9: 255. 1974.

MICROPSIS

- A A T *nana* DC., Prodr. 5: 460. 1836.

ROBINSONIA (E)

- E FR T *berteroi* (DC.) Sanders, Stuessy et Martic., Gayana, Bot. 47(3-4): 79. 1990.  
 E FR T *evenia* Phil., Anales Univ. Chile 13: 166. 1856.  
 E FR T *gayana* Decne., Ann. Sci. Nat., Bot., sér. 2, 1: 28, t. 1 C. 1834.  
 E FR T *gracilis* Decne., Ann. Sci. Nat., Bot., sér. 2, 1: 29. 1834.  
 E FTR T *macrocephala* Decne., Ann. Sci. Nat., Bot., sér. 2, 1: 28, t. 1 B. 1834.  
 E FR F *masafueriae* Skotts., Nat. Hist. Juan Fernandez 2: 195, f. 33 p-s, 34 a, 35 c, i, k; t. 17, f. 1. 1921.  
 E FR T *thurifera* Decne., Ann. Sci. Nat., Bot., sér. 2, 1: 28. 1834.

SENECIO

- A H T *mikanioides* Otto ex Walp., Allg. Gartenzeitung 13: 42. 1845.

A A TF vulgaris L., Sp. Pl. 867. 1753.

SILYBUM

A A TSF marianum (L.) Gaertn., Fruct. Sem. Pl. 2: 378, t. 162, f. (2). 1791.

SOLIDAGO

A H T chilensis Meyen, Reise 1: 311. 1834.

SONCHUS

A A TSF oleraceus L., Sp. Pl. 794. 1753.

A AB TSF tenerrimus L., Sp. Pl. 794. 1753.

TARAXACUM

N H TF fernandezianum Dahlst., in Skottsbo., Nat. Hist. Juan Fernandez 2: 226. 1922.

N H T subspathulatum A.J.Richards, Rhodora 78(816): 692. 1976.

XANTHIUM

A A TF spinosum L., Sp. Pl. 987. 1753.

YUNQUEA (E)

E TR T tenzii Skottsbo., Acta Horti Gothob. 4: 163, f. 14-15. 1929.

CONVOLVULACEAE

CALYSTEGIA

N H F tuguriorum (G.Forst.) R.Br. ex Hook.f., Fl. Nov.-Zel. 1: 183, t. 47. 1853.

CONVOLVULUS

A H TF arvensis L., Sp. Pl. 153. 1753.

DICHONDRA

N H TF sericea Sw., Prodr. 54. 1788.

IPOMOEA

A H T indica (Burm.) Merr., Interpr. Herb. Amboin. 445. 1917.

CRUCIFERAE

BRASSICA

A AB TSF napus L., Sp. Pl. 666. 1753.

A A T nigra (L.) W.D.J.Koch, in Röhling, Deutschl. Fl., ed. 3, 4: 713. 1833.

A A T rapa L., Sp. Pl. 666. 1753.

CARDAMINE

N A T chenopodiifolia Pers., Syn. Pl. 2: 195. 1806. ("chenopodifolia")

N H T flaccida Cham. et Schltld., Linnaea 1: 21. 1826.

E H F kruesselii Johow ex Reiche, Anales Univ. Chile 90: 126. 1895.

HIRSCHFELDIA

A AB T incana (L.) Lagr.-Foss., Fl. Tarn Garonne 19. 1847.

LEPIDIUM

A A T bonariense L., Sp. Pl. 645. 1753.

MATTHIOLA

A H TSF incana (L.) R.Br., in W.T. Aiton, Hortus Kew. 4: 119. 1812.

RAPHANUS

A AB TF sativus L., Sp. Pl. 669. 1753.

RORIPPA

A H TF nasturtium-aquaticum (L.) Hayek, Sched. Fl. Stiriac. 3-4: 22. 1905.

SISYMBRIUM

A AB T officinale (L.) Scop., Fl. Carniol., ed. 2, 2: 26. 1772.

DIPSACACEAE

DIPSACUS

A B T sativus (L.) Honck., Verz. Gew. Teutschl. 374. 1782.

SCABIOSA

A H T atropurpurea L., Sp. Pl. 100. 1753.

ELAEOCARPACEAE

ARISTOTELIA

A T TF chilensis (Molina) Stuntz, U.S.D.A. Bur. Pl. Industr. Invent. Seeds 31: 85. 1914.

EMPETRACEAE

EMPETRUM

N S F rubrum Vahl ex Willd., Sp. Pl. 4: 713. 1806.

ERICACEAE

PERNETTYA

E F T rigida (Bertero ex Colla) DC., Prodr. 7: 587. 1839.

EUPHORBIACEAE

DYSOPSIS

E H T hirsuta (Müll.Arg.) Skottsbo., Nat. Hist. Juan Fernandez 2: 781. 1951.

EUPHORBIA

A H T lathyris L., Sp. Pl. 457. 1753. ("lathyrus")

A A TF peplus L., Sp. Pl. 456. 1753.

RICINUS

A F TF communis L., Sp. Pl. 1007. 1753.

FLACOURTIACEAE

AZARA

E T T serrata Ruiz et Pavón var. fernandeziana (Gay) Reiche, Anales Univ. Chile 90: 884. 1895.

FUMARIACEAE

FUMARIA

A A T capreolata L., Sp. Pl. 701. 1753.

GENTIANACEAE

CENTAURIUM

- A A T cachanlahuen (Molina) B.L.Rob., Proc. Amer. Acad. Arts 45(17): 396. 1910.

GERANIACEAE

ERODIUM

- A A TSF cicutarium (L.) L'Hér. ex Aiton, Hort. Kew. 2: 414. 1789.

GERANIUM

- A H TF core-core Steud., Flora 39: 438. 1856.  
 A A T dissectum L., Cent. Pl. I, 21. 1755.  
 A A T robertianum L., Sp. Pl. 681. 1753.

GUNNERACEAE

GUNNERA

- E H T bracteata Steud. ex Bennett, Pl. Jav. Rar. 75. 1838.  
 E H T bracteata x peltata, Nat. Hist. Juan Fernandez 2: 148, f. 16 c-i; t. 13, 2. 1922.  
 E H T glabra Phil., Anales Univ. Chile 13: 164. 1856. (= bracteata)  
 E H F masafuerae Skotts. Kongl. Svenska Vetenskapsakad. Handl. 51(9): 14, f. 3; t. 3 et 6. 1914.  
 E H T peltata Phil., Anales Univ. Chile 13: 165. 1856.

GUTTIFERAE

HYPERICUM

- A H TF perforatum L., Sp. Pl. 785. 1753.

HALORAGACEAE

HALORAGIS

- E H F masafuerana Skotts. var. asperrima (Skotts.) Orchard, Bull. Auckland Inst. Mus. 10: 81. 1975.  
 E H F masafuerana Skotts. var. masafuerana, Nat. Hist. Juan Fernandez 2: 156, f. 20. 1921.  
 E H T masatierrana Skotts., Nat. Hist. Juan Fernandez 2: 155, f. 19. 1921.

LABIATAE

CUMINIA (E)

- E F T eriantha (Benth.) Benth. var. eriantha, in DC., Prodr. 12: 258. 1848.  
 E F T eriantha (Benth.) Benth. var. fernandezia (Colla) Harley, Kew Mag. 3(4): 155, f. B. 1986.

MARRUBIUM

- A H TF vulgare L., Sp. Pl. 583. 1753.

MELISSA

- A H TF officinalis L., Sp. Pl. 592. 1753.

MENTHA

- A H T aquatica L., Sp. Pl. 576. 1753.  
 A H TF pulegium L., Sp. Pl. 577. 1753.

ORIGANUM

A H F majorana L., Sp. Pl. 590. 1753.

PRUNELLA

A H T vulgaris L., Sp. Pl. 600. 1753.

STACHYS

A A T arvensis (L.) L., Sp. Pl., ed. 2, 814. 1763.

LACTORIDACEAE (E)

LACTORIS (E)

E F T fernandeziana Phil., Anales Univ. Chile 26: 642. 1865.

LARDIZABALACEAE

LARDIZABALA

A F T biternata Ruiz et Pavón, Syst. Veg. Fl. Peruv. Chil. 286. 1798.

LINACEAE

LINUM

A A T usitatissimum L., Sp. Pl. 277. 1753.

LORANTHACEAE

NOTANTHERA

N F T heterophylla (Ruiz et Pavón) G. Don, Gen. Hist. 3: 429. 1834.

TRISTERIX

A F T corymbosus (L.) Kuijt, Syst. Bot. Monogr. 19: 20, f. 6. 1988.

LYTHRACEAE

LYTHRUM

A A TF hyssopifolia L., Sp. Pl. 447. 1753.

MALVACEAE

ANODA

A A T cristata (L.) Schltld., Linnaea 11: 210. 1837.

MALVA

A H T nicaeensis All., Fl. Pedem. 2: 40. 1785.

A H TS parviflora L., Demonstr. Pl. 18. 1753.

MODIOLA

A H TF caroliniana (L.) G. Don, Gen. Hist. 1: 466. 1831.

MIMOSACEAE

ACACIA

A T T dealbata Link, Enum. Pl. Hort. Berol. Alt. 2: 445. 1822.

A T TF melanoxylon R.Br., in W.T. Aiton, Hortus Kew. 5: 462. 1813.

ALBIZIA

A T T lophantha (Willd.) Benth., London J. Bot. 3: 86. 1844.

MORACEAE

FICUS

A T TF carica L., Sp. Pl. 1059. 1753.

MYRTACEAE

MYRCEUGENIA

E T T fernandeziana (Hook. et Arn.) Johow, Estud. Fl. Juan Fernandez 94, t. 9. 1896.  
E T F schulzei Johow, Estud. Fl. Juan Fernandez 96. 1896. ("schulzii")

MYRTEOLA

N SF F nummularia (Poir.) O.Berg, Linnaea 27: 396. 1856.

UGNI

A F T molinae Turcz., Bull. Soc. Imp. Naturalistes Moscou 21(1): 579. 1848.  
E F T selkirkii (Hook. et Arn.) O.Berg, Linnaea 27: 392. 1856.

ONAGRACEAE

FUCHSIA

A F T magellanica Lam., Encycl. 2: 565. 1788.

OENOTHERA

A A TF affinis Cambess., in A.St.-Hil., Fl. Bras. Merid. 2: 269. 1830.  
A A TF picensis Phil., Verz. Antofagasta Pfl. 22. 1891.  
A H TF rosea L'Hér. ex Aiton, Hort. Kew. 2: 3. 1789.

OXALIDACEAE

OXALIS

A H TF corniculata L., Sp. Pl. 435. 1753.  
A A TF micrantha Bertero ex Colla, Nuovo Giorn. Lett., Sci. 24: 145. 1832.

PAPAVERACEAE

PAPAVER

A A T somniferum L., Sp. Pl. 508. 1753.

PAPILIONACEAE

MEDICAGO

A A TF arabica (L.) Huds., Fl. Angl. 288. 1762.  
A AH T lupulina L., Sp. Pl. 779. 1753.  
A A TSF polymorpha L., Sp. Pl. 779. 1753.  
A H TF sativa L., Sp. Pl. 778. 1753.

MELILOTUS

A A TSF indicus (L.) All., Fl. Pedem. 1: 308. 1785.

SOPHORA

E T T fernandeziana (Phil.) Skotts. var. fernandeziana, Nat. Hist. Juan Fernandez 2: 140,



- f. 12 a. 1921.
- E T T fernandeziana (Phil.) Skotts. var. reedeana (Phil.) Skotts., Nat. Hist. Juan Fernandez 2: 140, f. 11 c, 12 b, 13 b; t 20, f. 1. 1921.
- E T F masafuerana (Phil.) Skotts., Nat. Hist. Juan Fernandez 2: 142, f. 11 d-g; t. 20, f. 2. 1921.

TELINE

- A F T monspessulana (L.) K.Koch, Dendrologie 1: 30. 1869.

TRIFOLIUM

- A A F campestre Schreber, in Sturm, Deutschl. Fl., Abt. 1(4) Heft 16, t. 253. 1804.
- A A F dubium Sibth., Fl. Oxon. 231. 1794.
- A H T pratense L., Sp. Pl. 768. 1753.
- A H TF repens L., Sp. Pl. 767. 1753.

PIPERACEAE

PEPEROMIA

- E H TF berteriana Miq. subsp. berteriana, Syst. Piperac. 114. 1843.
- N H TF fernandeziana Miq. f. fernandeziana, Syst. Piperac. 139. 1843.
- E H TF fernandeziana Miq. f. oblongifolia Skotts., Acta Horti Gothob. 17: 27, f. 49. 1947.
- E H T margaritifera Bertero ex Hook. var. margaritifera, Icon. Pl. 1: t. 91. 1837.
- E H T margaritifera Bertero ex Hook. var. umbraticola Skotts. ex Yunck., sine desc. lat., Lilloa 27: 282, t. 163. 1955. ("1953")
- E H F skottsbergii C.DC., Kongl. Svenska Vetenskapsakad. Handl. 51(9): 20. 1914.

PLANTAGINACEAE

PLANTAGO

- N H T australis Lam., Tabl. Encycl. 1: 339. 1792.
- E TR T fernandezia Bertero ex Barnéoud, Monogr. Plantag. 47. 1845.
- N A TS firma Kunze ex Walp., Nov. Actorum Acad. Caes. Leop.-Carol. Nat. Cur. 19, Suppl. 1: 402. 1843.
- A H TF lanceolata L., Sp. Pl. 113. 1753.
- A H T major L., Sp. Pl. 112. 1753.

POLEMONIACEAE

GILIA

- A A F valdiviensis Griseb., Syst. Bemerck. 43. 1854.

MICROSTERIS

- A A T gracilis (Douglas ex Hook.) Greene, Pittonia 3: 300. 1898.

POLYGONACEAE

POLYGONUM

- A A TF aviculare L., Sp. Pl. 362. 1753.
- A H T hydropiperoides Michx., Fl. Bor.-Amer. 1: 239. 1803.
- A A T lapathifolium L., Sp. Pl. 360. 1753.

RUMEX

- A H TF acetosella L., Sp. Pl. 338. 1753.
- A H TF conglomeratus Murray, Prodr. Stirp. Gott. 52. 1770.
- A H TSF crispus L., Sp. Pl. 335. 1753.
- A H F foliosus Rech.f., Ark. Bot. 26A(3): 42, t. 6. 1933.

A H TSF pulcher L., Sp. Pl. 336. 1753.

PORTULACACEAE

CALANDRINIA

A A F monandra (Ruiz et Pavón) DC., Prodr. 3: 359. 1828.

PORTULACA

A A F oleracea L., Sp. Pl. 445. 1753.

PRIMULACEAE

ANAGALLIS

A A TF arvensis L., Sp. Pl. 148. 1753.

A A F minima (L.) E.H.L.Krause, in Sturm, Deutschl. Fl., ed. 2, 9: 251. 1901.

RANUNCULACEAE

ANEMONE

A H T decapetala Ard., Animadv. Bot. Spec. Alt. 27, t. 12. 1764.

RANUNCULUS

E H F caprarum Skotts., Nat. Hist. Juan Fernandez 2: 123, f. 8a-e. 1921.

A H T muricatus L., Sp. Pl. 555. 1753.

RHAMNACEAE

COLLETIA

E F T spartioides Bertero ex Colla, Nuovo Giorn. Lett., Sci. 24: 146. 1832.

ROSACEAE

ACAENA

A H TF argentea Ruiz et Pavón, Fl. Peruv. Chil. 1: 67, t. 103, f. b. 1798.

E H F masafuerana Bitter, Biblioth. Bot. 17(74): 45, t. 2. 1911.

A H TF ovalifolia Ruiz et Pavón, Fl. Peruv. Chil. 1: 67, t. 103, f. c. 1798.

FRAGARIA

A H TF chiloensis (L.) Duchesne, Hist. Nat. Frais. 165. 1766.

MARGYRACAENA

E H T skottsbergii Bitter, Repert. Spec. Nov. Regni Veg. 17: 239. 1921.

MARGYRICARPUS

E H T digynus (Bitter) Skotts., Nat. Hist. Juan Fernandez 2: 779. 1951.

RUBUS

N H F geoides Sm., Pl. Icon. Ined. 1: t. 19. 1789.

A F TF ulmifolius Schott, Isis (Oken) 2(5): 821. 1818.

RUBIACEAE

COPROSMA

E T T oliveri Fosberg, Brittonia 20(4): 292. 1968.

E T TF pyrifolia (Hook. et Arn.) Skotts., Nat. Hist. Juan Fernandez 2: 173, f. 24 d. 1921.

## GALIUM

- A A TF aparine L., Sp. Pl. 108. 1753.  
 E H F masafueranum Skotts., Nat. Hist. Juan Fernandez 2: 174, f. 25. 1921.

## HEDYOTIS

- N H T salzmännii (DC.) Steud., Nomencl. Bot., ed. 2, 1: 728. 1840.

## NERTERA

- N H F granadensis (Mutis ex L.f.) Druce, Bot. Soc. Exch. Club Brit. Isles 4: 637. 1917.

RUTACEAE

## FAGARA

- E T F externa Skotts., Nat. Hist. Juan Fernandez 2: 143, f. 14 e. 1921.  
 E T T mayu (Bertero ex Colla) Engler, Nat. Pflanzenfam. 3(4): 118. 1896.

## RUTA

- A F TF chalepensis L., Mant. Pl. 69. 1767.

SANTALACEAE

## SANTALUM

- E T TF fernandezianum F.Phil., Anales Mus. Nac. Chile, Secc. 2, Bot. 5, t. 1. 1892.  
 (Extinct)

SAXIFRAGACEAE

## ESCALLONIA

- E FT T callcottiae Hook. et Arn., Bot. Misc. 3: 342. 1833.

SCROPHULARIACEAE

## CYMBALARIA

- A H T muralis P.Gaertn., B.Mey. et Scherb., Oekon. Fl. Wetterau 2: 397. 1800.

## DIGITALIS

- A H F purpurea L., Sp. Pl. 621. 1753.

## EUPHRASIA

- E HS F formosissima Skotts., Nat. Hist. Juan Fernandez 2: 169, f. 23; t. 15, 1, t. 20, f. 6-7. 1921.

## KICKXIA

- A A F elatine (L.) Dumort., Fl. Belg. 35. 1827.

## MIMULUS

- N A F glabratus Kunth, in Humb., Bonpl. et Kunth, Nov. Gen. Sp. (ed. qu.) 2: 370. 1818.

## VERBASCUM

- A B F thapsus L., Sp. Pl. 177. 1753.  
 A B TF virgatum Stokes, in With., Bot. Arr. Brit. Pl., ed. 2, 1: 227. 1787.

## VERONICA

- A A T anagallis-aquatica L., Sp. Pl. 12. 1753.  
 A A T arvensis L., Sp. Pl. 13. 1753.

A A T persica Poir., in Lam., Encycl. 8: 542. 1808.

#### SOLANACEAE

##### CESTRUM

A F TF parqui L'Hér., Stirp. Nov. 73, t. 36. 1788.

##### DATURA

A A T stramonium L., Sp. Pl. 179. 1753.

##### NICOTIANA

E F F cordifolia Phil., Anales Univ. Chile 13: 167. 1856.

A AH T tabacum L., Sp. Pl. 180. 1753.

##### PHYSALIS

A H TF peruviana L., Sp. Pl., ed. 2, 1670. 1763.

##### SOLANUM

A TF argenteum Dunal ex Poir., in Lam., Encycl., Suppl. 3: 755. 1814.

E H T fernandezianum Phil., Linnaea 29: 23. 1858.

A A TSF furcatum Dunal ex Poir. var. furcatum, in Lam., Encycl., Suppl. 3: 750. 1814.

A F T marginatum L.f., Suppl. Pl. 147. 1782.

N H F pentlandii Dunal subsp. interandinum (Bitter) Edmonds, Kew Bull. 27(1): 110. 1972.

A H T tuberosum L., Sp. Pl. 185. 1753.

#### TROPAEOLACEAE

##### TROPAEOLUM

A H T majus L., Sp. Pl. 345. 1753.

#### UMBELLIFERAE

##### AMMI

A AB T visnaga (L.) Lam., Fl. Franç. 3: 462. 1779.

##### ANETHUM

A A F graveolens L., Sp. Pl. 263. 1753.

##### APIUM

N H T australe Thouars, Esquisse Fl. Tristan d'Acugna 43. 1808.

E H T fernandezianum Johow, Estud. Fl. Juan Fernandez 101. 1896.

A H T graveolens L., Sp. Pl. 264. 1753.

##### CENTELLA

N H T asiatica (L.) Urb., in Mart., Fl. Bras. 11(1): 287, t. 78, f. 1. 1879.

##### CONIUM

A AB TF maculatum L., Sp. Pl. 243. 1753.

##### CORIANDRUM

A A T sativum L., Sp. Pl. 256. 1753.

##### CYCLOSPERMUM

A A T leptophyllum (Pers.) Sprague var. leptophyllum, J. Bot. 61: 131. 1923.

DAUCUS

- A AH T montanus Humb. et Bonpl. ex Spreng., in Schult., Syst. Veg. 6: 482. 1820.

ERYNGIUM

- E FT T bupleuroides Hook. et Arn., Bot. Misc. 3: 352. 1833.  
 E F T inaccessum Skotts., Nat. Hist. Juan Fernandez 2: 158, 21 h-p, t. 12, 2. 1921.  
 E FT F sarcophyllum Hook. et Arn., Bot. Misc. 3: 352. 1833.  
 E F T x fernandezianum Skotts., Kongl. Svenska Vetenskapsakad. Handl. 51(9): 17, f. 5. 1914.

FOENICULUM

- A H T vulgare Mill., Gard. Dict., ed. 8, Foeniculum 1. 1768.

PETROSELINUM

- A H TF crispum (Mill.) A.W.Hill, Hand-list Herb. Pl. Kew, ed. 3, 122. 1925.

SANICULA

- A H T crassicaulis Poepp. ex DC., Prodr. 4: 84. 1830.

TORILIS

- A A T nodosa (L.) Gaertn., Fruct. Sem. Pl. 1: 82, t. 20, f. 6. 1788.

URTICACEAE

BOEHMERIA

- E T T excelsa (Bertero ex Steud.) Wedd., Ann. Sci. Nat., Bot., sér. 4, 1: 202. 1854.

PARIETARIA

- N A TF debilis G.Forst. var. debilis, Fl. Ins. Austr. 73. 1786.

URTICA

- N A T berteriana Phil., Linnaea 33: 235. 1864.  
 E H TF glomeruliflora Steud., Flora 33: 257. 1850. ("glomerulaeflora")  
 E A F masafueriae Phil., Anales Univ. Chile 13: 167. 1856.  
 A A TS urens L., Sp. Pl. 984. 1753.

VALERIANACEAE

CENTRANTHUS

- A H T ruber (L.) DC., in DC. et Lam., Fl. Franç., ed. 3, 4: 239. 1805.

VERBENACEAE

RHAPHITHAMNUS

- E T TF venustus (Phil.) B.L.Rob., Proc. Amer. Acad. Arts 51(10): 531. 1916.

VERBENA

- A H TF litoralis Kunth, in Humb., Bonpl. et Kunth, Nov. Gen. Sp. (ed. qu.) 2: 276, t. 137. 1818.

WINTERACEAE

DRIMYS

- E T TF confertifolia Phil., Anales Univ. Chile 13: 163. 1856.

MONOCOTYLEDONEAE

ARACEAE

ZANTEDESCHIA

- A H TF aethiopica (L.) Spreng., Syst. Veg. 3: 765. 1826.

BROMELIACEAE

GREIGIA

- E H T berteroi Skottsb., Nat. Hist. Juan Fernandez 2: 109. 1921.

OCHAGAVIA (e)

- e H T elegans Phil., Anales Univ. Chile 13: 168. 1856.

CYPERACEAE

CAREX

- N H F banksii Boott, Trans. Linn. Soc. London 20: 119. 1846.  
E H TF berteroniana Steud., Flora 25: 604. 1842.

CYPERUS

- N H TF eragrostis Lam., Tabl. Encycl. 1: 146. 1791.  
N H T reflexus Vahl, Enum. Pl. 2: 299. 1805.

ELEOCHARIS

- N H T fuscopurpurea (Steud.) H.Pfeiff., Repert. Spec. Nov. Regni Veg. 28: 19. 1930.

MACHAERINA

- E H T scirpoidea (Steud.) Koyama ex M.T.Strong, Novon 7(3): 318. 1997.

OREOBOLUS

- N H F obtusangulus Gaudich. subsp. obtusangulus, Ann. Sci. Nat. (Paris) 5: 99, t. 2, f. 1. 1825.

SCIRPUS

- N A TF cernuus Vahl, Enum. Pl. 2: 245. 1805.  
N H TF nodosus Rottb., Descr. Icon. Rar. Pl. 52. 1773.

UNCINIA

- N H F brevicaulis Thouars, Esquisse Fl. Tristan d'Acugna 35, t. 6. 1808.  
E H F costata Kuk., Repert. Spec. Nov. Regni Veg. 16: 433. 1920.  
E H TF douglasii Boott, in Hook.f., Fl. Antarct. 369. 1846.  
N H F tenuis Poepp. ex Kunth, Enum. Pl. 2: 525. 1837.

GRAMINEAE

AGROSTIS

- E H F masafuerana Pilger, Repert. Spec. Nov. Regni Veg. 16: 388. 1920.  
A H TF stolonifera L., Sp. Pl. 62. 1753.

AIRA

- A A TF caryophyllea L., Sp. Pl. 66. 1753.  
A TF praecox L., Sp. Pl. 65. 1753.

## ANTHOXANTHUM

A H TF odoratum L., Sp. Pl. 28. 1753.

## AVENA

A A TSF barbata Pott ex Link, J. Bot. (Schrader) 1799(2): 315. 1800.

## BRACHYPODIUM

A H F distachyon (L.) P.Beauv., Essai Agrostogr. 101, 156. 1812.

## BRIZA

A A T maxima L., Sp. Pl. 70. 1753.

A A TF minor L., Sp. Pl. 70. 1753.

## BROMUS

N A TS berteroanus Colla, Herb. Pedem. 6: 68. 1836. ("berterianus")

A ABH TF catharticus Vahl, Symb. Bot. 2: 22. 1791.

A A F diandrus Roth, Bot. Abh. Beobacht. 44. 1787.

A A TSF hordeaceus L., Sp. Pl. 77. 1753.

A H TF lithobius Trin., Linnaea 10: 303. 1836.

A H TF stamineus E.Desv., in Gay, Hist. Chile, Bot. 6: 440. 1854.

## CHAETOTROPIS

N A T chilensis Kunth, Révis. Gramin. 271, t. 47. 1830.

N H TF imberbis (Phil.) Björkman, Symb. Bot. Upsal. 17(1): 14. 1960.

## CHASCOLYTRUM

A H T subaristatum (Lam.) Desv., Nouv. Bull. Sci. Soc. Philom. Paris 2: 190. 1810.

## CHUSQUEA

E F T fernandeziana Phil., Anales Univ. Chile 43: 577. 1873.

## CYNOSURUS

A A TF echinatus L., Sp. Pl. 72. 1753.

## DACTYLIS

A H T glomerata L., Sp. Pl. 71. 1753.

## DANTHONIA

N H T chilensis E.Desv. var. chilensis, in Gay, Hist. Chile, Bot. 6: 360, t. 80, f. 3. 1854.

N H T malacantha (Steud.) Pilger, Notizbl. Bot. Gart. Berlin-Dahlem 10(97): 759. 1929.

## DIGITARIA

A A T sanguinalis (L.) Scop., Fl. Carniol., ed. 2, 1: 52. 1772.

## ELEUSINE

A H T tristachya (Lam.) Lam., Tabl. Encycl. 1: 203. 1792.

## FESTUCA

A H T arundinacea Schreb., Spic. Fl. Lips. 57. 1771.

## GASTRIDIDIUM

A A T ventricosum (Gouan) Schinz et Thell., Vierteljahrsschr. Naturf. Ges. Zürich 58: 39. 1914.

HORDEUM

- A H T chilense Roem. et Schult., Syst. Veg. 2: 796. 1817.  
 A H TSF murinum L. subsp. murinum, Sp. Pl. 85. 1753.  
 A H T secalinum Schreber, Spic. Fl. Lips. 148. 1771.

LEPTOPHYLLOCHLOA

- N H T micrathera (E.Desv.) C.E.Calderón ex Nicora, in M.N.Correa, Fl. Patag. 3: 70, f. 32. 1978.

LOLIUM

- A A TF multiflorum Lam., Fl. Franç. 3: 621. 1779.  
 A H T perenne L., Sp. Pl. 83. 1753.

MEGALACHNE (E)

- E H TF berteroniana Steud., Syn. Pl. Glumac. 1: 237. 1854.  
 E H TF masafuerana (Skottsbo. et Pilger ex Pilger) Matthei, Bol. Soc. Biol. Concepción 48: 171, f. 1 A, C-E. 1974.

NASSELLA

- N H TF laevissima (Phil.) Barkworth, Taxon 39(4): 610. 1990.  
 N H TF neesiana (Trin. et Rupr.) Barkworth, Taxon 39(4): 611. 1990.

PASPALUM

- A H T dasypleurum Kunze ex E.Desv., in Gay, Hist. Chile, Bot. 6: 242. 1854.  
 A H T distichum L., Syst. Nat., ed. 10, 855. 1759.

PHALARIS

- A A T amethystina Trin., Mém. Acad. Imp. Sci. Saint-Petersbourg, Sér. 6, Sci. Math., Seconde Pt. Sci. Nat. 5(2): 56. 1839.  
 A A T angusta Nees ex Trin., Sp. Gram. 1: t. 78. 1827.

PIPTOCHAETIUM

- N H T bicolor (Vahl) E.Desv., in Gay, Hist. Chile, Bot. 6: 273. 1854.

POA

- A A TF annua L., Sp. Pl. 68. 1753.  
 A H TF pratensis L., Sp. Pl. 67. 1753.

PODOPHORUS (E)

- E H T bromoides Phil., Anales Univ. Chile 13: 169. 1856. (Extinct?)

POLYPOGON

- A H TF australis Brongn., in Duperrey, Voy. Monde Phan. 21. 1829.

SETARIA

- A H TF parviflora (Poir.) Kerguelen, Lejeunia, n.s. 120: 161. 1987.  
 A A T viridis (L.) P.Beauv., Essai Agrostogr. 51, 171, 178, t. 13, f. 3. 1812.

TRISETUM

- N H T caudulatum Trin., Linnaea 10: 300. 1836.

VULPIA

- A A TF bromoides (L.) Gray, Nat. Arr. Brit. Pl. 2: 124. 1821.  
 A A TF myuros (L.) C.C.Gmel. var. hirsuta Hackel, Cat. Rais. Gramin. Portugal 24. 1880.  
 A A T myuros (L.) C.C.Gmel. var. myuros, Fl. Bad. 1: 8. 1805. ("myurus")



IRIDACEAE

CROCOSMIA

- A H T x *crocosiiflora* (Lemoine ex Burb. et Dean) N.E.Br., Trans. Roy. Soc. South Africa 20: 264. 1932.

LIBERTIA

- N H TF *chilensis* (Molina) Gunckel, Revista Chilena Hist. Nat. 31: 87. 1928. ("1927")

JUNCACEAE

JUNCUS

- A A F *bufonius* L., Sp. Pl. 328. 1753.  
N H TF *capillaceus* Lam., Encycl. 3: 266. 1789.  
N H T *imbricatus* Laharpe, Essai Monogr. Junc. 61. 1825.  
N H T *pallescens* Lam., Encycl. 3: 268. 1789.  
N H T *planifolius* R.Br., Prodr. Fl. Nov. Holl. 259. 1810.  
N H T *procerus* E.Mey., Linnaea 3: 367. 1828.

LUZULA

- E H F *masafuerana* Skottsbo., Nat. Hist. Juan Fernandez 2: 775. 1951.

ORCHIDACEAE

GAVILEA

- E H F *insularis* M.N.Correa, Revista Mus. La Plata, Secc. Bot. 11: 75, f. A-E. 1968.

PALMAE

JUANIA (E)

- E T T *australis* (Mart.) Drude ex Hook.f., Rep. Prog. Condition Roy. Bot. Gard. Kew 1882: 57. 1884.